# Science Framework for California Public Schools

#### Kindergarten Through Grade Twelve

The California Department of Education is pleased to announce that the new Science Framework for California Public Schools,

Kindergarten Through Grade Twelve is now available for purchase.

This 2003 edition of the framework incorporates and builds on the science content standards adopted by the State Board of Education in 1998. The framework gives invaluable guidance on classroom instructional practices for teachers of science at all grade levels to enable them to build students' understanding of science. It provides all students, including advanced learners, English learners, and students with disabilities, with a solid foundation in science literacy. By using the framework, teachers help students to develop the abilities to observe, describe, compare, inquire, and evaluate.

### The framework addresses the following topics:



The nature of science and technology (Chapter 2)



Content standards and instructional practices for kindergarten through grade five (Chapter 3), for grades six through eight (Chapter 4), and for grades nine through twelve (Chapter 5)



Purposes of assessment and strategies for evaluating whether students have mastered the skills and content presented in class (Chapter 6)



Instruction designed to provide access to the science curriculum for students with special needs and enrichment opportunities for advanced learners (Chapter 7)



Professional development that focuses on the specific grade level or content strand for which each teacher is responsible and the standards associated with that grade or strand (Chapter 8)



Criteria for evaluating science instructional materials for kindergarten through grade eight (Chapter 9)



Statutes regarding science education in public schools (Appendix)





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